

REMARKS

Claim 26 has been amended to correct a typographical error. Independent claims 1, 9, 16, and 23 have been amended to clarify various mechanisms and techniques of the present invention. Claims 1-27 were rejected under 35 U.S.C. §103(a) as being unpatentable over European Patent Publication EP 0 718 761 A1 (Gosling) and U.S. Patent No. 6,078,951 (Pashupathy). The Applicants acknowledge the Examiner's assertion that Gosling III does not explicitly mention that the data handler mechanism allows use of new command objects without modifying the application. The Applicants also acknowledge the Examiner's statement that Gosling does not teach returning the command list for display.

Nine office actions associated with the case have been issued. A CPA as well as an RCE have been filed. The Applicants believe the claims are allowable in their present form, as Gosling neither sufficient teaches or suggests that a "data handler mechanism" allows use of new command objects without modifying the application. Furthermore, the Applicants believe the claims are allowable because independent claims 1, 9, 16, and 23 variably recite a mapping mechanism being arranged to obtain a command list identifying commands associated with the data and providing the command list through the data handler mechanisms to an application for display and execution.

Gosling is believed not to not teach or suggest a command map obtaining a command list. Gosling does not disclose providing the command list to the application by using a data handler. Furthermore, Gosling makes no mention of displaying the command list. In fact, Gosling does not even mention a command list or commands associated with data.

Pashupathy is also believed not to teach or suggest a command map obtaining a command list. Pashupathy describes a method for installing a viewer. "If the viewer is not installed on the compouter system, the computer system obtains a location of the viewer and downloads the viewer from the location." The Examiner argues that Pashupathy describes a command list as the name of viewers returned for display (col. 6, line 62 – col. 7, line 4) to allow selection of one for installation. The list of viewers allows a user to be prompted for selection of a viewer (Fig. 6 at 606). The viewer is then downloaded (Fig. 6 at 607). A script corresponding to the selected viewer is downloaded (Fig. 6 at 608). After installation, the particular viewer is bound to the data. "Rebooting the operating system and performing the post restart installation


instructions” are also described at column 8, lines 53-54. Parshupathy does not teach or suggest a command list having command objects for execution and instead only describes a list of viewers that can be installed.

By contrast, the independent claims variably recite a command list including a command object for execution by an application. According to various embodiments, the techniques of the present invention recognize that many command objects should all be available to many different applications. In one example, “an application is arranged to utilize a set of command objects that are used by numerous application.” In conventional implementations, “an application is commonly ‘directly’ associated with any command objects the application may use.” The techniques of the present invention allow many different command objects such as many different text viewers to be associated with many different applications. In one example, when an application provides a command list of text viewers for display and a text viewer can be selected for execution. Claims 9 and 16 further recite that an “installed command object” be located, where the command object is selected from a displayable command list to allow execution of the command object.

In view of the above, Applicants believe that all pending claims are allowable and respectfully request a Notice of Allowance for this application from the Examiner. If the Examiner has any questions or concerns, please feel free to contact the undersigned at the telephone number set out below.

If any fees are due in connection with the filing of this amendment, the Commissioner is authorized to charge such fees to Deposit Account 50-0388 (Order No. SUN1P123). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
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